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| Substitute for form 1449A/B/PTO | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | | Application Number | 10/830,021 Conf.# 7637 |
| | | Filing Date | April 23, 2004 |
| | | First Named Inventor | Hiro Yoshi Funato et al. |
| | | Art Unit | N/A |
| | | Examiner Name | Not Yet Assigned |
| Sheet | 1 | of | 2 |
| | | Attorney Docket Number | R2184.0312/P312 |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|----------|--|--------------------------------|--|---|--|
| Examiner Initials* | Cite No. | Document Number Number-Kind Code* (# known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | |
| u | AA | US-2004-0001166 | 01/01/2004 | Nimura et al. | | |
| | AB | US-2004-0021811 | 02/05/2004 | Matsuki et al. | | |
| | AC | US-2004-0013078 | 01/22/2004 | Funato et al. | | |
| | AD | US-2004-0036829 | 02/26/2004 | Sugimoto et al. | | |
| | AE | US-2003-0222980 | 12/04/2003 | Miyagaki et al. | | |
| | AF | US-2003-0072047 | 04/17/2003 | Funato et al. | | |
| | AG | US-2003-0098945 | 05/28/2003 | Sugimoto et al. | | |
| | AH | US-2003-0074260 | 04/17/2003 | Sugiyama et al. | | |
| | AI | US-2002-0135729 | 09/26/2002 | Tokita et al. | | |
| | AJ | US-2003-0053501 | 03/20/2003 | Sekiya et al. | | |
| | AK | US-2002-0003755 | 01/01/2002 | Fujita et al. | | |
| | AL | US-2001-0026523 | 10/04/2001 | Ohuchida et al. | | |
| | AM | US-6,497,488 | 12/24/2002 | Yamauchi et al. | | |
| | AN | US-6,537,711 | 03/26/2003 | Nimura et al. | | |
| | AO | US-6,524,759 | 02/25/2003 | Sugimoto et al. | | |
| | AP | US-2004-0017760 | 01/29/2004 | Funato | | |
| | AQ | US-6,618,344 | 09/08/2003 | Funato | | |
| | AR | US-6,072,579 | 06/09/2000 | Funato | | |
| | AS | US-6,157,795 | 12/03/2000 | Kadonaga et al. | | |
| | AT | US-5,823,928 | 07/13/1999 | Sugimoto | | |
| | AU | US-6,061,042 | 05/06/2000 | Takahashi et al. | | |
| | AV | US-5,926,669 | 07/28/1999 | Sugimoto et al. | | |
| | AW | US-6,223,008 | 04/27/2001 | Takahashi et al. | | |
| | AX | US-6,006,062 | 12/24/1999 | Takahashi et al. | | |
| | AY | US-5,684,779 | 11/04/1997 | Ohuchida et al. | | |
| | AZ | US-5,510,886 | 04/23/1996 | Sugimoto et al. | | |
| | AA1 | US-5,481,636 | 01/02/1996 | Fukuda et al. | | |
| | AB1 | US-5,333,231 | 07/26/1994 | Fukuda et al. | | |
| | AC1 | US-5,402,154 | 03/28/1995 | Shibaguchi et al. | | |
| | AD1 | US-5,331,850 | 07/29/1994 | Maeda et al. | | |
| | AE1 | US-5,208,800 | 05/04/1993 | Isobe et al. | | |
| | AF1 | US-5,175,642 | 12/28/1992 | Funato | | |
| | AG1 | US-5,031,978 | 07/16/1991 | Shibaguchi et al. | | |
| | AH1 | US-5,119,452 | 08/06/1992 | Yokomori et al. | | |
| | AI1 | US-5,351,209 | 09/27/1994 | Hayashi et al. | | |
| | AJ1 | US-5,079,415 | 01/07/1992 | Hayashi et al. | | |
| | AK1 | US-5,124,835 | 06/22/1992 | Shibaguchi et al. | | |
| | AL1 | US-5,195,071 | 03/18/1993 | Funato et al. | | |
| | AM1 | US-4,987,299 | 01/22/1991 | Kobayashi et al. | | |
| | AN1 | US-5,355,220 | 10/11/1994 | Kobayashi et al. | | |
| | AO1 | US-4,971,414 | 11/26/1990 | Funato et al. | | |
| | AP1 | US-4,876,680 | 10/24/1989 | Misawa et al. | | |
| | AQ1 | US-4,712,852 | 12/15/1987 | Funato et al. | | |
| | AR1 | US-4,761,046 | 08/06/1988 | Funato | | |
| | AS1 | US-4,623,791 | 11/18/1986 | Kaneko et al. | | |

u/u 2/28/08



PTO/SB/05a/b (08-03)

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| Sheet | 2 | of | 2 | Attorney Docket Number | R2184.0312/P312 |

| | | | | |
|-----|--------------|------------|-----------------|--|
| AT1 | US-4,678,263 | 07/27/1987 | Funato | |
| AU1 | US-4,637,879 | 01/26/1987 | Funato | |
| AV1 | US-4,505,537 | 03/19/1985 | Funato | |
| AW1 | US-4,470,659 | 09/11/1984 | Funato | |
| AX1 | US-4,325,601 | 04/20/1982 | Funato | |
| AY1 | US-4,348,080 | 09/07/1982 | Funato | |
| AZ1 | US-4,355,858 | 10/26/1982 | Funato et al. | |
| AA2 | US-4,149,269 | 04/20/1979 | Abe et al. | |
| AB2 | US-4,159,166 | 06/26/1979 | Kasahara et al. | |
| AC2 | US-4,154,500 | 05/25/1979 | Funato et al. | |
| AD2 | US-6,613,715 | 09/02/03 | Kutami et al. | |

| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------------|-----------------------|---------------------------|---|-----------------------------|---|---|----------------|
| Examiner Initials ¹ | Cite No. ¹ | Foreign Patent Document | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ² |
| | | Country Code ³ | Number ⁴ Kind Code ⁵ (If Known) | | | | |

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